

Title (en)

METHOD AND SYSTEM FOR MASS ANALYSIS OF SAMPLES

Title (de)

VERFAHREN UND SYSTEM ZUR MASSENANALYSE VON PROBEN

Title (fr)

PROCEDE ET SYSTEME POUR L'ANALYSE DE MASSE D'ECHANTILLONS

Publication

EP 1721150 A4 20080702 (EN)

Application

EP 05714463 A 20050218

Priority

- CA 2005000216 W 20050218
- US 54955804 P 20040304

Abstract (en)

[origin: US2005194531A1] A system and method of analyzing a sample is described. The system includes an ion source and a deflector for producing a plurality of ion beams each of which is detected in distinct detection regions. A detection system uses the information obtained from the detection region to analyze the sample.

IPC 8 full level

G01N 27/62 (2006.01); **H01J 49/00** (2006.01); **H01J 49/02** (2006.01); **H01J 49/10** (2006.01); **H01J 49/40** (2006.01)

CPC (source: EP US)

H01J 49/0031 (2013.01 - EP US); **H01J 49/009** (2013.01 - EP US); **H01J 49/061** (2013.01 - EP US); **H01J 49/40** (2013.01 - EP US)

Citation (search report)

- [XY] GB 2273200 A 19940608 - HEWLETT PACKARD CO [US]
- [Y] US 2002079443 A1 20020627 - KRUTCHINSKY ANDREW N [CA], et al
- [A] CHERNUSHEVICH I V ET AL: "Effect of ion-molecule collisions in the vacuum chamber of an electrospray time-of-flight mass spectrometer on mass spectra of proteins", JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, ELSEVIER SCIENCE INC, US, vol. 7, no. 4, 1 April 1996 (1996-04-01), pages 342 - 349, XP004720395, ISSN: 1044-0305
- See references of WO 2005085830A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2005194531 A1 20050908; **US 7126114 B2 20061024**; CA 2555985 A1 20050915; EP 1721150 A1 20061115; EP 1721150 A4 20080702; JP 2007526458 A 20070913; WO 2005085830 A1 20050915

DOCDB simple family (application)

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